

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 B01J19/00 B01L3/00 G01N33/48

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7 B01J B01L G01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/113492 A (MOLECULAR CYTOMICS LTD; DEUTSCH, MORDECHAI; HERZBERG, MAX; TIROSH, REU) 29 December 2004 (2004-12-29) cited in the application claims 1-120	1-37
X	WO 01/35071 A (MASSACHUSETTS INSTITUTE OF TECHNOLOGY; BRAFF, REBECCA; VOLDMAN, JOEL;) 17 May 2001 (2001-05-17) claims 1-29	1-37
X	WO 03/056330 A (INSTITUT FUER PHYSIKALISCHE HOCHTECHNOLOGIE E.V; LASSNER, DIRK; UHLIG,) 10 July 2003 (2003-07-10) page 7, line 14 - page 12, line 19 claims 1-21; figures 1-3	1-37
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Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

## \* Special categories of cited documents:

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| "A" document defining the general state of the art which is not considered to be of particular relevance  | "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention   |
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| "O" document referring to an oral disclosure, use, exhibition or other means  | "&" document member of the same patent family   |
| "P" document published prior to the international filing date but later than the priority date claimed  |   |

Date of the actual completion of the international search

25 October 2005

Date of mailing of the international search report

07/11/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

Oenhausen, C

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/26114 A (BITENSKY, MARK, W; YOSHIDA, TATSURO; FRANK, MICHAEL, G; DERGAN, JURE;) 4 April 2002 (2002-04-04) claims 1-46 page 6, line 3 - page 10, line 6	1-37
X	US 6 377 721 B1 (WALT DAVID R ET AL) 23 April 2002 (2002-04-23) column 5, line 60 - column 10, line 61; claims 1-30; figures 1-11	1-37
X	WO 03/011451 A (SURFACE LOGIX, INC; WANG, EVELYN; KIM, ENOCH; CAMPBELL, STEWART; KIRK,) 13 February 2003 (2003-02-13) page 7, line 3 - page 11, paragraph 1 page 17, paragraph 3 - page 18, paragraph 2 figures 1-17	1-32
X	WO 02/063034 A (MEDIS EL LTD; HUBERMAN, TAMIR; SAKIN, ALEXANDER; DANGOUR, DORON; FRIED) 15 August 2002 (2002-08-15) the whole document	1-37
P,X	WO 2005/007796 A (MOLECULAR CYTOMICS LTD; DEUTSCH, MORDECHAI; HERZBERG, MAX; TIROSH, REU) 27 January 2005 (2005-01-27) claims 1-185	1-37